

# Mobile Optimized PTCS Registry

Amy Burke, Residential HVAC Team Program Support

April 26, 2018





### Agenda



#### History



Registry Updates

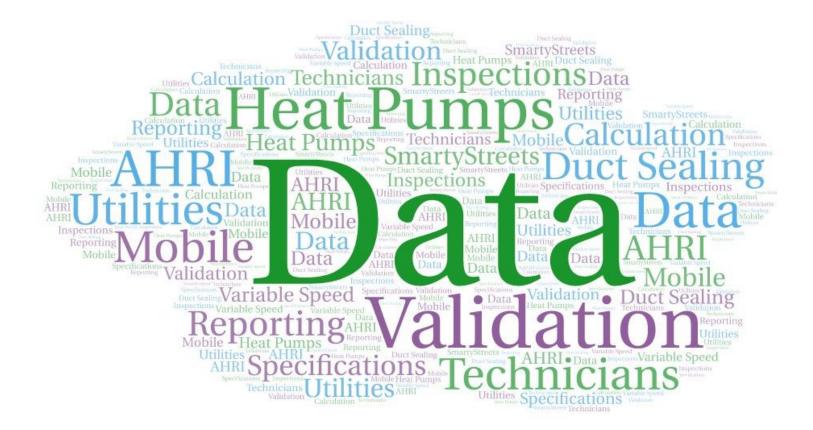


**Documentation Updates** 



**Navigation and Troubleshooting** 

#### What is the PTCS Online Registry?



# Simplify...Simplify...Simplify



#### **Process Flows**

#### Historical...

Tech performs work & completes form



Tech or admin staff enter form online



Forms & backup documents sent to utility



Utility reviews documents & invoices BPA

#### New!

Tech performs work & fills out online registry



Backup documents sent to utility



Utility reviews documents & invoices BPA

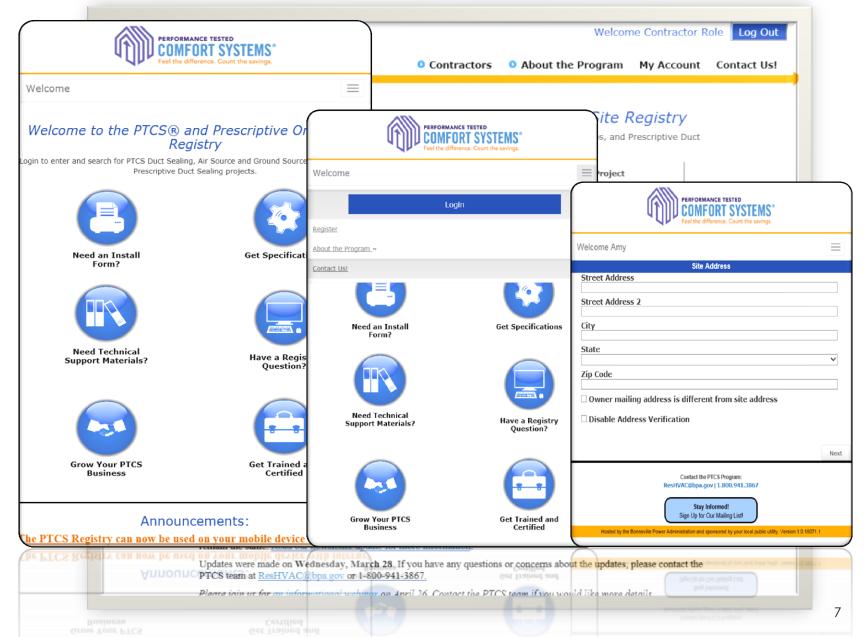




### Mobile Remote Entry

- Registry interface optimized
- Use on any mobile device
- Not an app that you download
- Log in information is the same
- Look and feel the same
- Offline entry currently not available









### Online Form Updates

- Air Source Heat Pump:
  - Test Only/Check Charge Mode
  - Return & Supply Static Pressure
  - TrueFlow Plate Location
  - Multiple Capacity Compressor Systems
  - Inform: TrueFlow Test Steps Button

TrueFlow Test Steps





### Online Entry Updates

- PTCS Duct Sealing:
  - Number of Supplies and Returns
  - Duct Insulation
  - Program specifications acknowledgement
  - Inform: Notes on Testing & Pre and Post Test
     Leakage Requirements Buttons

Pre-Test Leakage Requirements

Post-Test Leakage Requirements



## Online Entry Updates

- Prescriptive Duct Sealing:
  - Number of Supplies and Returns



# Electronic Acknowledgement

- Handwritten technician signature now an electronic acknowledgement
- Added to every online entry page
- Certified Tech and Admin options

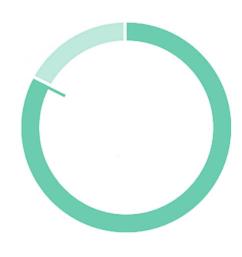
#### Required Acknowledgement

By checking one box below, the PTCS certified technician or administrator entering data on behalf of the certified technician acknowledges the following:

- 1) This project and any accompanying documentation are complete and accurate.
- This project may be selected for a Quality Assurance (QA) inspection and any necessary remediation will be addressed in the required timeframe.
- Certified Technician: I certified the project and it meets program specifications.
- □I am an administrator entering on behalf of the Certified Technician.



## Save Entry Progress



- Click "Save Progress" at the bottom
- Assigns a measure ID with "In Progress" status
- To complete later:
  - 1) Log on as installing tech
  - 2) Search for measure
  - 3) Click "Continue Job"





# A BPA Form Requirement Removed!

- · No longer required by BPA; utility might require
  - Air Source Heat Pump Handwritten Form
  - PTCS Duct Sealing Handwritten Form
  - Prescriptive Duct Sealing Handwritten Form
- Exception:
  - Ground Source Heat Pump Form is not aligned due to additional data and is still required



12 Test of data on a mobile device of consistent of floorer with control for the certified declination of the certified declination									
For all date on a mobile device or computer at pictures and setting control to the trace entry collect. Foundation (Pour Agril 2018)  Prescriptive Duct Sealing Form (optional)  1,300,311  Prescriptive Duct Sealing Form (optional)  1,300,311  Counter of Prescriptive Duct Sealing Form (option						ist Updated April 2018	Lo		
For any be filled out for later entry colline. Specific times any state of the specific times and the filled out for later entry colline. Specific times are stated and apply uniforms. The specific times are stated and the filled out for later entry colline. Specific times are stated and the specific times are stated and times		® Duct o	lata on a mobile	1) Enter all		. This optional	rm (optional)	5 F(	PERFORMANCE TESTED COMFORT SYSTEMS"
Customer's office making from the flegisty flound unshed and addition of the certify online. Issues entering data? Submit this form for entry.	Last Updated April 2018	ter at							



14

#### Can't Enter on a Mobile Device?

No access to WiFi/internet

No smart mobile device

Address or AHRI number not verified

Fill out handwritten form in field



Enter data on desktop or submit to PTCS team for entry



Proceed as usual following documentation requirements





#### **Updates to Forms**

- Removed: Homeowner name, contact information, & signature
- Optional handwritten forms available to record data offline

#### Registry Installation Report

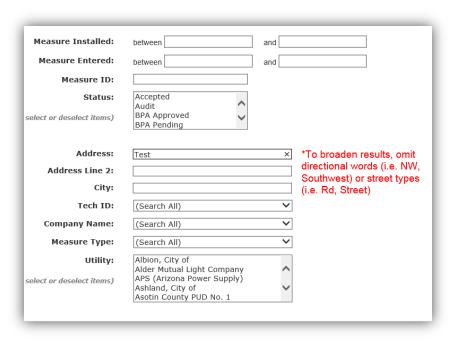
PTCS Heat Pump #1786054								
<u>Site</u> Address	Owner Address							
999 TEST AVENUE Portland, OR 99999	999 TEST AVENUE Portland, OR 99999							
Site Info								
Heated Area	2000							
House Type	EXIST							
Existing Heating System Type Being Replaced	Electric Forced Air w/out AC							
Foundation Type	Crawlspace							
Backup Heat System Type	None							
Utility								
Electricity	Rocky Mountain Power							
Technician								
Technician Name: Burke, Amy								
PTCS ID: 10458								
Company								
Company: Bonneville Power Administra	<u>tion</u>							
Portland, OR								
Measure								
Service Date: 5/1/2017								
Entered Date: 5/4/2017								
Processing Notes								

- Required document
- Found online
- Updated with new data points (exception: Ground Source HP)
- Electronic acknowledgement added
- Displays audit trail if data was edited



#### Searching for Jobs

Note: your permissions control what jobs you can access

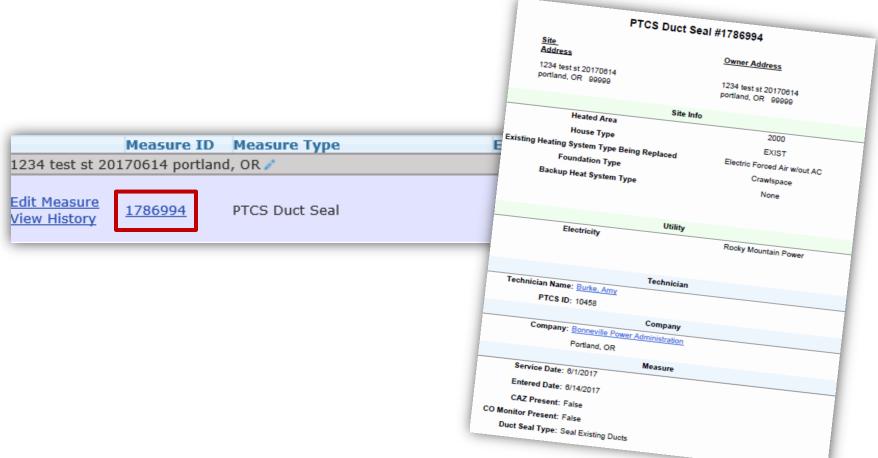


- 1) Click "Search for Project" or "Completed Jobs" from the homepage
- 2) Be concise with search criteria



#### Finding the Registry Installation Report

Click on the measure ID for the report.





#### **BPA's Documentation Requirements**

Please check with the customer utility for additional documentation requirements.

- Registry Installation Report
- Equipment/Contractor Invoice
- Documentation of Sizing (Air Source & Ground Source Heat Pumps)
- Loop Design (Ground Source Heat Pumps)
- Handwritten form (Ground Source Heat Pumps)



Account owner...

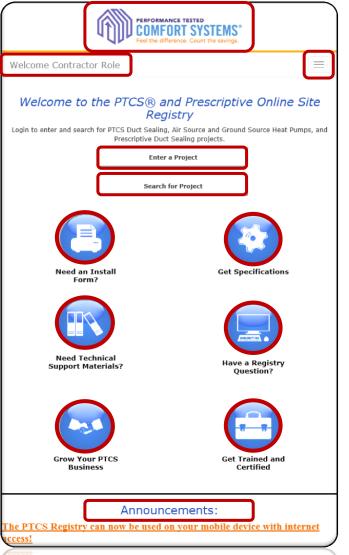
Enter a Project...
Search for a Project...

Find a form...

Find a technical reference...

Marketing materials...

# Navigating



Click to get back home!
Click for the menu

All specifications...

Registry Info...

Training Info...

Periodic announcements...





# Summary: Form Updates

	Air Source Heat Pump	PTCS & Prescriptive Duct Sealing	Ground Source Heat Pump
Handwritten form required by BPA			X
Not Required (Optional*)	X	X	
Form fields aligned with online registry	X	X	
Homeowner name & contact info removed	X	X	X
Homeowner signature removed	X	X	X
Technician Signature removed (electronic acknowledgement)	X	X	X
Registry Installation Report Required	X	X	X

#### Contact us to Troubleshoot...

- Address isn't validating
- AHRI number isn't validating
- Enter in a 2<sup>nd</sup> system
- Unsure of a status

- Can't locate an entered job
- Edit an address or data
- Need review of "Pending" entry







- Registry optimized for mobile devices with internet access
- Offline access not currently available
- Look and feel unchanged
- E-signature added
- BPA document requirements changed

# Questions?

Contact the ResHVAC Team:

ResHVAC@bpa.gov

1.800.941.3867

